Castleberry Independent School District
315 Churchill • Fort Worth, Texas 76114 • (817) 252-2000

To: Commission's Secretary, Office of the Secretary, Federal Communications Commission
From: Renee Smith-Faulkner, Executive Director of Technology Services, Castleberry ISD
Concerning: EDU2011 Application, **WC Docket No. 10-222**
Date: 12/10/2010

(1) a full description of the current or planned Applicant Wireless Program, including but not limited to:

Castleberry ISD planned a laptop immersion program three years ago and submitted a grant application in the technology immersion strand during the Federal Vision 2020 grant process. There were approximately 125 applicants in the state of Texas, and our district ranked 10th in the overall grant rating scale. However, disappointingly, only the first 8 applicants were approved due to funding limitations, and the grant has not been offered again. Castleberry ISD prepared a well thought-out plan with the foundation being equipping our students with laptops and the ability to access information and resources via the Internet.

The purpose of our application was to provide Irma Marsh Middle School with the funding necessary to implement the six components of technology immersion in all 7th grade classrooms by providing on-demand access to information 24/7 by implementing these specific components:

1. a wireless mobile computing device for each educator and student on an immersed campus to ensure on-demand technology access at school and at home
2. productivity, communication, and presentation software for use as learning tools accessible from any Internet connection 24/7
3. online instructional resources that support the state curriculum in English language arts, mathematics, science, and social studies available 24/7 accessible from any Internet connection 24/7
4. utilize online assessment tools to diagnose students' strengths and weaknesses or to assess mastery of the core curriculum accessible from any Internet connection 24/7
5. online/on-demand professional development for teachers to help them integrate technology into teaching, learning, and the curriculum accessible from any Internet connection 24/7
6. online, ongoing, on-demand technical and pedagogical support accessible from any Internet connection 24/7

These goals are still the district's focus. Castleberry has scaled the **Castleberry "Connected Learning" Project** down by providing several netbook carts on the campus with wireless access provided only at school. We have currently implemented the components above **without** a one-to-one wireless device and off-premise connectivity component, but the effectiveness of the program would be more successful if each student had a netbook issued to them with 24/7 connectivity to the online resources that the district has purchased.

a. the nature of the Applicant Wireless Program, including the extent to which the use of connectivity is interactive and utilizes the Internet,

The main thrust of the **Castleberry "Connected Learning" Project** is for teachers and students to use Internet access to:

7. Teachers will create a teacher website using Sharpschool. Each teacher website will have an online classroom where teachers can add digital content and create forums, wikis, online assessments, blogs, and post video tutorials.
8. Students will be given access through Sharpschool to filtered student e-mail, digital lockers to save and access projects from home or school, and online classrooms.

b. how long the Applicant Wireless Program has been in operation and the mobile wireless device(s) being used,

We are looking at a one-to-one netbook total immersion or implementation of the **Castleberry "Connected Learning" Project** during the 2010-2011 school year with our 7th grade students. The district has created an implementation schedule in which a grade level a year would be immersed into the one-to-one student to netbook program or the **Castleberry "Connected Learning" Project**. Funds for purchasing netbooks have been identified and bugeted, Wireless Access Point's have been deployed in all 7th grade classrooms and proven stable; however, the off-premises connectivity is not included due to funding limitations. The district standard of hardware for our students is the ACER netbook. The district utilizes the Extreme Networks Wireless Controllers and provides wireless access throughout all our campuses. The technology department formed a committee in which several vendors presented their hardware and a rubric was used to select the hardware that met our district needs.

c. a description of any technical issues associated with implementing the Applicant Wireless Program, including an analysis of any problems with the availability of wireless access to students or patrons off the school or library premises and how those issues are being or will be addressed by the school or library,

Our school district is unique in the fact that it is 5.4 square miles in area, making it one of the smallest geographical school districts in Texas. The district borders a larger district/city, Fort Worth, but maintains that small town atmosphere. We tested several wireless providers throughout our area last year, as we were going to submit the off-premises Internet Access to E-rate before we reviewed the eligibility listing. Several wireless access providers are in our area due to bordering downtown Fort Worth and being such a small geographical area to cover. Again, we would want to have a committee determine the provider that meets the district needs by scoring the criteria on a rubric. One of the providers should be able to provide network coverage for all homes and apartments in River Oaks, Sansom Park, and the small area of Fort Worth that is located in our district. One provider should be able to provide the connectivity for all our community of learners. Many vendors that we have been in contact with have also indicated that any "dead" areas identified after implementation could be reported so that they could address and resolve the issue. Also, the idea of "hotspots" throughout our community was presented to our Castleberry Community Connection group. Currently, they are soliciting businesses, community centers, and other facilities to host an "Internet hotspot" for our students. These places could be utilized by our students if indeed the issues could not be resolved with the service provider.

d. what training has been or will be provided to teachers, librarians, students or parents to implement the Applicant Wireless Program, and

Castleberry ISD has employed a secondary Instructional Technologist that focuses on supporting teachers in matching technology to curriculum needs and in developing teaching strategies and lessons that make the best use of the technology and are most likely to maximize student learning. This has been a proven strategy in implementing technology; therefore, the Instructional Technologist will be utilized to develop and match technology lessons that will enrich the 7th grade core curriculum. Another teaching strategy that will be utilized by the Instructional Technologist will be to co-teach and model the use of technology during the core curriculum lesson.

Each teacher and library media specialist has an individualized professional development plan that includes technology criteria. Technology modules have been created that cover all SBEC technology standards. Each teacher will work through the modules, and the projects that they create will be saved in their professional development electronic portfolio. Staff development on the modules will be delivered face to face, online, or a teacher may test out of the module. Each successfully completed module will be documented in the technology professional development database. This documentation is utilized by the campus principal in the teacher's PDAS evaluation. This enhanced professional development will be delivered in Tech Academy summer trainings, Thursday Choices professional development days, just in time trainings, and in the online technology modules for Microsoft Office productivity tools.

Leadership
The Associate Director of Technology Services and the Instructional Technologists will work together to ensure that the district technology plan and its expectations are clearly communicated to teachers and administrators. Curriculum directors and principals will ensure that adequate time will be scheduled for ongoing and sustained professional development.

Planning
The district has a technology professional development plan in place that is aligned with SBEC requirements. The plan is divided into 23 modules and 2 academies (listed below). Teachers are required to complete a minimum of six hours each school year. Each 7th grade teacher has completed some of the modules. During the first year of grade level implementation, technology professional development for the 7th grade teachers will be focused on each individual's completion of the modules necessary for successful immersion. In addition, all 7th grade teachers will complete the **immersion academy** to prepare them for the one-to-one netbook immersion.
Module 1 RUP and Copyright; Module 2 Email Etiquette and Usage; Module 3 Basic Computer and Network Skills; Module 4 Multimedia; Module 5 Word Processing; Module 6 Spreadsheets; Module 7 Databases; Module 8 Internet Research; Module 9 Peripherals; Module 10 Desktop Publishing; Module 11 Graphics; Tech Academy I; Module 12 Teacher Webpage; Module 13 Adding Web Pages; Module 14 Forums and Blogs; Module 15 Calendars and Photo Galleries; Module 16 PhotoStory 3; Module 17 Audacity; Module 18 Podcasts; Module 19 Advanced Multimedia; Module 20 Core Integration: Word; Module 21 Core Integration: PowerPoint; Module 22 Core Integration: Excel; Module 23 Core Integration: Access; Tech Academy II/Immersion Academy

Implementation
Teachers may complete the modules in one of three modes: face-to-face, online, or test out of selected modules. A timeline of professional development dates of specific modules will

be presented to teachers prior to the beginning of the year. Teachers may then register for the modules they need to complete. Online forums will be used to provide collaboration, mentoring, and support throughout the immersion. Teachers will have the Technology Proficiencies Report showing modules completed. In addition, computer technicians will maintain equipment for teachers and students.

Evaluation
During classroom observations, the Instructional Technologist will look for a change in the delivery of lessons. A sampling of student electronic portfolios will be reviewed to determine if there are successful student projects. An analysis of the data will determine if changes need to be made to modules offered if teacher success and commitment are not observable.

e. the extent to which the Applicant Wireless Program is integrated with federal, Tribal, state, regional or local governmental or non-profit initiatives to achieve educational or community access outcomes;

We have many different funds and programs that must be coordinated in order to provide technology in our district. Listed below are some examples of how the different funding and programs are used to provide technology to our staff and students.

1. Students have limited access to student email, digital lockers, blogs, Wiki's, forums, and online classrooms that are currently funded with **E-rate** and **technology allotment funds.** The one-to-one grade level immersion would increase student access to these resources and give teachers incentive and purpose to create online classrooms. At this time students have limited access to one flex lab of 28 computers and 2 netbook carts with 32 wireless laptops, each shared campus wide. The **replacement plan money** has been increased to **include netbooks for all 7th grade students in the 2010-2011 school year.**

2. Each teacher has a computer with productivity tools funded by **replacement plan** and **technology allotment funds.** Students have limited access to productivity tools and Nod Anti-Virus. **E-rate** would provide (supplement) access from home to these tools for all 7th grade students.

3. The district has funded **(Title II Part D)** the planning and creation of technology modules aligned with SBEC requirements for staff development. The **district would continue to provide** an Instructional Technologist to deliver face to face training of these modules and to create individualized professional development plans for teachers as needed.

4. Currently there is **one locally funded instructional support person** for all secondary teachers and students. This locally funded instructional technologist would support the Castleberry "Connected Learning" Project and monitor the Internet Access usage from home component provided by **E-rate and local funds.**

5. The **campus principal purchased** projectors for each classroom teacher with **school improvement funds.** The student response systems purchased also integrate with the teacher laptops (local replacement plan funds) and projectors that provide a tool that instantly assesses students and identifies their weaknesses in order to adjust all core curriculums as needed. This feature could be extended from home though the Sharpschool Teacher online classrooms.

6. The off-premises Internet access would be paid by **local technology funds** and discounted through **E-rate.**

7. The **Castleberry Community Connection Committee** will work with the district to form "Internet hotspots" for our students to connect to digital resources provided by Castleberry ISD.

(2) the poverty level based on the percentage of students eligible for a free or reduced-price lunch under the national school lunch program (NSLP) or a federally approved alternative mechanism, and the current discount rate of the school or library;

[redacted]	[redacted]	[redacted]	[redacted]
District-220917	83.7	80.2	75.6
Castleberry HS-220917-001	76.3	71.6	65.2
TRUCE-220917-004	87.5	66.6	50
Irma Marsh MS-220917-041	84.5	80.6	75.6
A.V. Cato Elem-220917-101	87.4	81.8	79.6
Joy James Elem-220917-104	90.8	87.7	81.4
Castleberry Elementary	83.6	82.6	80
REACH	81.8	72.7	70.7

Source: PEIMS

Current Discount Rate: Our district shared discount rate was 83% last year. The previous year was 88%. I am predicting about 90% for Irma Marsh Middle School this E-rate cycle due to our increased enrollment in our economically disadvantaged students. Last year was lower than expected as we used a conservative number based prior to our PEIMS submission. This year, our preliminary PEIMS submission indicated that 84.5 percent of our students are on free or reduced lunch. Therefore, a good estimate of our discount rate would be about 90%. I will have an official number after the 471 is filed. The district has only filed the 470 at this point.

(3) the financial need of the school or library, including any additional budgetary hardships, notwithstanding the school or library's current discount rate;

In May of 2010, the district was successful in passing a 34 million dollar bond election. The reasons for the election are listed in the chart below:

Q:	Why is a bond election needed at this time?
A:	Multiple reasons are:
	• to address **enrollment growth** and aging buildings that are over capacity.
	• to relieve **overcrowding** by building a replacement A. V. Cato Elementary School (PreK - 5th grade.)
	• to replace an **older facility** with a new Castleberry Elementary (PreK - 5th grade.)
	• to fund **renovation projects** to Joy James Elementary School, Irma Marsh Middle School, and Castleberry High School.
	• to provide additional **security measures** to ensure the safety of all students.
	• to maximize state funding. Instructional Facilities Allotment funds are available now if this bond

	passes, but may not be available after August 31, 2010.
	• to take advantage of **very low construction costs.**

In August of 2010, the district was successful in passing a tax ratification election. The impact of the 2 elections on our community members is listed in the chart below. The district's average home value five years ago was $62,797. This is one of the lowest average property values in the Dallas/Fort Worth area.

$50,000	$35,000	$424	$462	$508	$7.00
$65,517	*$50,517*	*$611*	*$667*	*$733*	*$10.17*
$100,000	$85,000	$1,029	$1,122	$1,233	$17.00
$125,000	$110,000	$1,331	$1,452	$1,595	$22.00

* Tax rates are rounded to two decimal places. The red indicates the impact on the average property value.

The success of the two elections indicates that our community is committed to continuing the progress that our district has made even though we are a low socio-economic area. The tax rate is close to the maximum rate allowed by the state; therefore, there are no plans for local funding of additional technology projects. Both the bond and tax ratification elections mostly address the increasing population of our district, aging facilities, and sustaining the existing maintenance and operations of the district. If the tax ratification election would not have been successful, the district would be operating with a deficit budget this school year.

In addition, the federal technology funding (Title 2 Part D) was discontinued this year.

(4) all costs, including those eligible for E-rate support and those not eligible for E-rate support, associated with implementing the Applicant Wireless Program, including but not limited to costs for equipment such as e-readers or laptops, access and connection charges, teacher training, librarian training, or student/parent training;

The chart below indicates the approximate cost of the **"Connected Learning" Project** without off-premises Internet connectivity. This is the first 5 years of the "Connected Learning" Project plan for the district. The grade level implementation year is also indicated.

Hardware Cost-Netbooks		100,000.00	100,000.00	100,000.00	200,000.00
Software Cost (Microsoft School Agree)		13,500.00	27,000.00	40,500.00	54,000.00
infrastructure Cost (AP's)		3,500.00	3,500.00	3,500.00	3,500.00
Total		$117,000.00	$130,500.00	$144,000.00	$257,500.00

	2010-2011	**2011-2012**	**2012-2013**	**2013-2014**	**2014-2015**
	Pilot at CHS for Dual Credit Students	All 7th Grade Students	All 7th Grade Students	All 7th Grade Students	All 7th Grade Students
			All 8th Grade Students	All 8th Grade Students	All 8th Grade Students
				All 9th Grade Students	All 9th Grade Students
					All 10th Grade Students

In addition, the district is seeking E-rate money to help provide Internet access from off-premises for our students while utilizing their school issued netbooks. Cost **estimates** based on preliminary quotes for thisaddition would be:

$36.00 per month per student (300 students) for wireless access=$108,000 - (90% e-rate discount) 97,000 = $11,000 district obligation from local technology funds.

The estimated cost of wireless access per student (300 students) is $36.00 times 10 months = $108,000
Minus the E-rate discount of 90% which equals $97,000
The district obligation would be $11,000 annually plus the addition of a monthly opt-e-man line charge of approximately $500.00 a month ($6,000 annually) to ensure that all netbooks were CIPA compliant (filtered) while off-premises.

(5) the committed school or library resources available to implement the entire Applicant Wireless Program, including whether those funds are from the school or library's general budget or from an outside funding source;

The funding source would be local money set aside during the annual district budget process.
This includes the technology replacement plan budget and campus budget. In addition, some state provided technology allotment budget would be utilized.

(6) the effect EDU2011 support for off-premise connectivity is likely to have upon the school's or library's projects;

Goals and expectations for implementing the "Connected Learning" Project and extending Internet access to students off-premises

100% of 7th grade students and teachers will be equipped with laptops including communication, productivity, and presentation software that can be accessed from home so that students will have the resources necessary to be successful

7th grade core Teacher Portfolios will include a minimum of two lesson plans documenting student centered learning experiences that will be implemented using best practices. These samples can be completed from home so that more time for research is available

Over 90% of 7th grade students will master the technology benchmarks

7th grade core teachers will create an online classroom using SharpSchool in which students can access from home for tutorials or other resources

7th grade core teachers will receive at least 9 or more CPE hours in creating online classrooms

Provide online assessment and research-based English tutorial programs that target improving TAKS scores in English and Math that can be accessed from home

The 7th grade class AYP rating will meet standards in all core subjects and subpopulations

100% 7th grade students will be able to take assessments from home using Sharpschool

Meet the 1:1 student to computer ratio and ensure on-demand technology access at school and at home

Provide on demand technical and instructional support

Provide productivity, communication, presentation software, and online resources for teachers and students while maintaining a safe online environment

Train teachers and students how to use productivity, communication, presentation software, and online resources as learning tools while maintaining online safety

Have teachers become proficient in all the TA TEKS and include them in student activities that can be accessed from home

Create and implement web-based learning activities such as blogs, wikis, podcasts, and online classes to support curriculum that can be accessed from home

Provide instructional/intervention software (English/Spanish) and online resources that assess and provide a personalized student learning environment that can be accessed from home

Provide anytime/anywhere student access to technology for assessment, differentiated instruction, and tutorials in order to engage and monitor all students

Increase number of students mastering the TA TEKS as measured by district benchmarks

Use TechConnect (online application) to reinforce, support, and extend TEKS and TAKS content as it instructs students to create real world products using computer application skills

Students will daily utilize technologies provided for individual and collaborative projects to solve problems in real word situations using productivity, communication, and presentation software (Microsoft Office Agreement) for use as a learning tool

Teachers will create a teacher website using Sharpschool. Each teacher website will have an online classroom where teachers can add digital content and create forums, wikis, online assessments, blogs, and post video tutorials

Students will be given access through Sharpschool to filtered student e-mail, digital lockers to save and access projects from home or school, and online classrooms.

The Irma Marsh Middle School Texas STaR Chart does not classify the campus as Target Tech in Teaching and Learning; Educator Preparation and Development; or Leadership, Admin, Instructional Support. The following areas were scored lowest: Patterns of Classroom Use (TL1), Technology Applications TEKS Implementation (TL4), Capability of Educators (EP3), and Capability of Educators with Online Learning (EP6).

By providing each student with a netbook with on-demand access, teachers will be able to provide student centered learning as technology and Technology Applications TEKS are seamlessly integrated into the core curriculum. A Professional Development Plan including strategies to improve the SBEC proficiencies of teachers will be continued and expanded. A local database and teacher electronic portfolios have been created to document individual progress of teacher SBEC proficiencies. Professional development will support teachers in the creation and integration of web-based lessons.
Since 1997, Castleberry ISD has written and annually updated a district Technology Plan that has been approved by the school board and submitted through the ePlan system. This plan has been the roadmap for establishing and monitoring technology goals and objectives along with identifying funding resources to accomplish these goals and objectives.
Providing off-premises Internet connectivity will enable the district to achieve many Technology Plan goals and objectives currently not completed due to a lack of access to the Internet by our students.

(7) an analysis of the cost-effectiveness of the current or planned Applicant Wireless Program as compared to the use of other types of technology that would also meet the Program's objectives;

After evaluating the different avenues of off-premise Internet access available to our community, the technology department agreed that wireless access from a cellular wireless access card/wireless Internet provider would be the best overall solution for the District. Other types of access considered were:

1. Charter Cable- This option would include installation of cabling and equipment at each off-premise location. Many students live in rental property and move frequently.
2. DSL- This option would include installation of equipment at each off-premise location. Many students live in rental property and move frequently.
3. HughesNet (Satellite Internet)- Satellite dish would need to be connected to each off-premise location. Many students live in rental property and move frequently.
4. Clear Wire- This option would include installation of equipment at each off-premise location and provides very poor and unstable connectivity.
5. Line of Site- This option would include installation of cabling and equipment at each off-premise location. Many students live in rental property and move frequently.
6. Verizon Fios - No Contract in Area
7. AT&T U-verse – No Contract in Area
8. "Hot" Spots- This option is more cost-effective, but the district felt that students would not utilize the service since the students would need to be transported to the "hot" spot location. But could be considered as a back-up solution.

(8) any relevant technology planning documents and, if applicable, a statement of long-term objectives for the Program;

Included in Planning Documentation:

Castleberry "Connected Learning" Project Handbook

Link to the Castleberry ISD Technology Plan- (Approved by the state and our School Board in November of 2010)
http://www.castleberryisd.net/departments/technology_services/technology_planning/

Link to the District Strategic Plan-
http://www.castleberryisd.net/departments/superintendent/master_strategic_plan/

(9) a description of the specific measures taken, or that will be taken, to ensure compliance with the Children's Internet Protection Act and measures to protect against waste, fraud, and abuse; and

The wireless access from an off-premise location will be directed back to the Castleberry ISD network where Lightspeed Filtering/Blocking software is in place. The students will then be routed to the Internet but will still be filtered from inappropriate websites. Also, the student e-mail has a filtering component through Sharpschool.

The following procedures are in place before a student will be issued a netbook:

Both the student and parent or guardian has attended a Netbook Orientation session.
Both the student and parent or guardian has signed a Responsible Use Form.
Both the student and parent or guardian has signed a Student Code of Conduct Form.
Both the student and parent or guardian has signed and returned the Netbook Handbook Form.

In addition, each student in the district must attend a training session with the district Instructional Technologist on responsible use and Internet safety procedures as outlined in the Technology Plan.

Concerning Waste, Fraud, and Abuse of E-rate:
The business office has an Internal Finance Manual that is updated each year that outlines district accounting procedures. An annual training is held each year. The Associate Director of Technology Services completes the E-rate Application, and the business department maintains records of discounts and reimbursements and communicates the information to the Associate Director of Technology Services. Accounting procedures and responsibilities (checks and balances) are distributed between the business office and the Associate Director of Technology Services.

(10) a description of internal policies and enforcement procedures governing acceptable use of the wireless devices used in the Program off the school or library's premises.

Included below is a copy of our Internet Safety Procedures already in place:

Castleberry Internet Safety Procedures

It shall be the policy of Castleberry ISD to institute an Internet Safety Procedure. This procedure affects the use of technologies in place at Castleberry ISD. This procedure will be presented to all students and staff and posted on our website. A public forum concerning the Internet Safety Procedure will be held to inform parents and concerned community members. This procedure will accomplish the following tasks:

- Block or filter access to visually obscene material from the Internet, or other sources
- Block or filter access to child pornography from the Internet or other sources
- Block or filter access to material and resources harmful to minors
- Prohibit the use of technology for illegal, immoral, or unethical reasons
- Comply with all state, federal, local and district guidelines regarding the use of technology
- Access by minors and staff to inappropriate matter using the Internet or other technologies
- No student or staff member shall access inappropriate material via the Internet while using school resources and/or equipment. This includes, but is not limited to, pornographic sites, child pornography, visual depictions of pornographic acts, racist sites, illegal activities, and any other site that is unlawful, immoral, or unethical. This procedure includes all technology resources such as computers, phones, handheld devices, VCRs, TVs or any digital media.
- No access to chat rooms, instant messaging, forums, "blogging" sites, and Usenet groups without permission
- No student will participate in any chat room, instant messaging, podcasting, forum, "blogging" site or listserve group without the prior approval of the teacher and administration, and then only to accomplish a recognized educational objective. Students and staff will not use phones or other communication technologies to call 900 or other numbers that are pornographic or unethical in nature.

Carrying out "hacking" or other unlawful/unethical activities
No student or staff member will engage in computer sabotage, hacking, or the generation of computer viruses, worms, or Trojan horses. This includes the release of software known to be harmful to other computer systems. No student or staff member shall use Castleberry ISD technology resources in an attempt to defraud or extort others.

E-mail use
No student or staff member shall use e-mail to send or receive pornographic/obscene material. No student or staff member shall engage in intimidation, spamming, racism, inappropriate language, or any other unlawful/unethical activity using e-mail. Third party e-mail accounts, such as "Hotmail", will not be used by students at Castleberry ISD; instead, SharpSchool will be used to provide each student a monitored e-mail account.

Disclosure of personal information
No student shall disclose personal information about themselves or others over the Internet or through the use of a fax, telephone, or e-mail account. No staff member shall disclose personal information about a student or others over the Internet or through e-mail. This

includes medical, academic, or personnel data, unless required by law or the appropriate party signs a written release.

Specific Protection Measures

Filtering software
Filtering software will be used to block and filter access to the Internet. Castleberry uses Lightspeed filtering software to block access to pornographic and obscene sites. This feature is in place and active at all times Internet access is available. All computers connected to the Internet will be required to access it through the filter in place at the District. New sites will be added and blocked as needed. It is the responsibility of the Network and Infrastructure Coordinator to carry this task out as soon as he receives written notification of new sites.

Use of a Sonic Wall
If a site is found to be objectionable and not blocked by the Lightspeed filtering software, the school will use the Sonic Wall as a secondary firewall to block access to that site.

Logging of Internet use
Inappropriate use of the Internet can be recorded in a log file in Lightspeed. Any person wishing to use the Internet must logon using a valid username and password. Internet access will be denied if a valid username and password is not supplied. The technology staff will periodically check the log for unauthorized site access by students or staff.

Responsible Use Policy
Annually, all students and staff will sign and date a responsible use agreement before being allowed to use the Internet and e-mail system. This agreement will list various activities prohibited in the use of technology and explain some possible consequences of misuse. There will be a training session in which students will go over the contract and be made aware of the consequences of violating the agreement. Teachers will also be trained during new teacher orientation.

E-mail protection
The use of e-mail by students and staff will be primarily used for educational purposes. The staff and student e-mail systems are filtered prior to delivery to individual accounts.

Training sessions
Castleberry will hold at least two responsible use training sessions per year. A student session will occur at the beginning of the year and attendance will be mandatory. After the training session, students will receive access to the network. In addition, each required computer class will include curriculum units on Internet ethics and use. New staff will also participate in training which includes guidelines and policies, and strategies to use in the classroom to promote technology and Internet ethics and use for students.

Cyberbullying

This year each campus held a Cyberbullying Prevention Week. The pledge card below was utilized at the secondary levels.

I, _____, pledge:
(Print Name)

- To treat my fellow classmates and school staff with respect and dignity
- To report any safety concerns to my school counselor or other trusted adult on campus
- To practice appropriate netiquette when using my computer or other electronic device such as my cell phone
- To encourage my friends to seek help from a trusted adult or school counselor if they are being cyberbullied
- To not participate in bullying and other activities at my school or in my community that is hurtful or is not respectful to others.

Two campuses made videos in each classroom demonstrating the STOP, BLOCK, And TELL method for prevention of cyberbullying. In addition, the videos were placed on our public access channel for the community to view. This program will continue each year.

In addition, the district has finalized a Student Netbook Handbook that each parent and student must sign and complete. There are several procedures that must take place prior to a student being issued a netbook.

Netbook Checklist:
_____ 1. Both the student and parent or guardian has attended a Netbook Orientation session.
_____ 2. Both the student and parent or guardian has signed a Responsible Use Form.
_____ 3. Both the student and parent or guardian has signed a Student Code of Conduct Form.
_____ 4. Both the student and parent or guardian has signed and returned the Netbook Handbook Form.
_____ 5. Paid a $25.00 annual netbook usage fee.
_____ 6. Both the student and parent or guardian have signed an Inventory Form and documented the condition of the netbook upon receipt of the netbook.

The applications filed by schools also must contain the following information:

(1) the location of the school;

Irma Marsh Middle School
415 Hagg Drive
Fort Worth, TX 76114

(2) the name of the school applicant, along with a complete list of the individual schools that will be served, including their billed entity numbers;

District: Castleberry ISD Billed Entity Number: 140893
Irma Marsh Middle School Billed Entity Number: 87526

(3) a description of the school district or school, including the type of school, such as private, public, charter, or other special type of school;

Public School

Castleberry ISD is located five miles north and west of downtown Fort Worth, Texas. Castleberry ISD has seven campuses: Castleberry Elementary, Joy James Elementary, A.V. Cato Elementary, Irma Marsh Middle School, TRUCE Learning Center, REACH High School, and Castleberry High School. The district serves 3,641 students living in River Oaks, Sansom Park, and Fort Worth. There are 486 staff members, including 219 teachers, at the seven campuses. The district is 5.4 square miles in area, making it one of the smallest geographical school district in Texas.

Castleberry ISD began in 1898 with a one-room frame building on the site where Castleberry Elementary school now stands. In 1919, a red brick building was constructed and called Castleberry Common School District, named after Zack and Fanny Castleberry because they furnished water from their well for school purposes.

The communities of River Oaks, Sansom Park, and a small portion of northwest Fort Worth are ethnically and socio-economically diverse. The communities are located next to the Fort Worth Naval Air Station and consist primarily of inner city suburbs with very few industries. The tax base is predominately residential. Property values in many parts of the school district are declining, providing little new sources of tax revenue for the district. However, a recent successful passage of a $34,000 Bond package in May of 2010 and a successful Tax Ratification Election in August of 2010 has provided funds for increased security measures along with two new replacement elementary campuses and funds to sustain the general operations of the district.

From 1999 through 2008, the district's percentage of Hispanic students has risen by approximately four percent each year. In 2003, the student population changed from predominately white to majority Hispanic. The district's percentage of economically disadvantaged and "at risk" students are also at their highest levels.

Even with the decrease in economic development and changing demographics in the community, the district is dedicated to sustaining and improving their technology program because CISD believes that our students, teachers, and community deserve the same opportunity that larger and wealthier districts provide. Castleberry ISD will continue to support the use of technology in achieving high standards of teaching and learning in all classrooms for all students.

Data Source: Master Strategic Plan

(4) a description of the Program's curriculum objectives, the grade levels included, and the number of students and teachers involved and/or being served as part of the program; and

Approximately 300 students and 10 teachers would be served in this program. A complete one-to-one student to netbook immersion will be implemented in the 7th grade during the 2010-2011 school year. Discounts are being sought through E-rate to supplement the cost of off-premises Internet access with all 7th grade netbooks.

The Instructional Technologist will research online resources from websites such as Thinkfinity, the US Department of Education, and ISTE to find technology lessons and Internet–based activities to support all curriculum areas. Another approach to integrating

technology has been to adopt and purchase CSCOPE (locally funded), an online core curriculum which has technology activities integrated into all subjects.
In addition, the curriculum department was asked to submit software applications and online resources that enrich the core subject areas. The software applications were reviewed and evaluated at the campus level with 7th grade teachers and campus administrators before the selection was finalized. The following curriculum resources would be utilized to meet core and technology curriculum objectives.

1. Use TechConnect to reinforce, support, and extend TEKS and TAKS content as it instructs students to create real world products using computer application skills.
2. Students daily utilize technologies provided for individual and collaborative projects to solve problems in real word situations using productivity, communication, and presentation software (Microsoft Office Agreement) for use as a learning tool.
3. Video cameras will be utilized to record and upload lessons for student tutorials or remediation.
4. Teachers will create a teacher website using Sharpschool. Each teacher website will have an online classroom where teachers can add digital content and create forums, wikis, online assessments, blogs, and post video tutorials.
5. Students will be given access through Sharpschool to filtered student e-mail, digital lockers to save and access projects from home or school, and online classrooms.
6. Teachers will be trained and equipped to digitally record lessons presented during classroom instruction using their interactive whiteboards. The resulting files stored locally or linked to the teacher's website in SharpSchool, or on TeacherTube can by accessed by students who were absent or those who need a review.
7. In addition, just in time lessons will introduce teachers to features in Discovery Education Streaming which can enhance lessons with curriculum related videos. Students will also be given logon access to Discovery Education Streaming videos to research for information to include in presentation projects, and to pursue appropriate grade level personal academic interests.
8. Also, monitored student email will be available to gain knowledge from experts in the field that they would otherwise not be able to contact.
9. Teachers will be able to utilize the state electronic textbook resources and students will be able to access the information from home.

(5) a summary of any data collected by the school on Program outcomes and achievement of Program objectives.

The district will collect data in several formats to evaluate the grant's effectiveness in integrating technology.

Surveys:
Teachers will be surveyed by the STaR Chart and students and parents through SharpSchool online forums.

Artifact Analysis:
Teachers will be required to place 2 integrated lessons in an electronic portfolio annually as a professional development follow up. This process will be supported and monitored by the technology coach as funded by the grant. Credit for the lessons will not be documented until the lessons have been observed and evaluated in the classroom. Content of the lessons will be required to include state academic objectives and produce a student product evaluated with a rubric which consists of technology standards and core curriculum standards. Documentation will be kept to record the number of existing integrated lessons and student

projects. Classroom grades, benchmark scores and TAKS scores will be monitored each six weeks for effectiveness by the Vision 2020 Grant Committee.

Classroom Observations:
The technology coach will develop an evaluation checklist for classroom observations of a technology integrated lesson. As a post observation activity, the coach will share the results with the teacher, including any suggestions for improvement and positive reinforcement of successes. The campus principal will receive a copy of the report to individualize technology staff development plans.

Focus Group Interviews:
Two focus groups will be created. A teacher from each subject area will comprise one group. The other will be comprised of members of the technology staff and administration. Forums will be created for each group focusing on questions from 4 key areas: student access and use, teacher fluency, teacher vision and strategy, and teacher access and professional development.

Community
Information and lessons posted online or downloaded to student netbooks could be viewed at home so parents could reinforce instruction To encourage parental involvement and communication, the district purchased the Family/Student Access module in Skyward. Family/Student Access gives parents and students the ability to view grades, attendance, health records, class schedules, discipline records, and food services. Meet This opens communication between parents and teachers. With the district purchase of SharpSchool, parents are able to subscribe to the teachers calendar of daily lessons and activities, receive email from teachers and participate in forums. The district and campus website will be utilized to announce specific activities. School Messenger will be utilized to broadcast a message to parents announcing the teacher SharpSchool websites to parents. Training and laptop orientation for all 7th grade parents would be offered both online and in district facilities at PTO meetings and Meet the Teacher Night. The campus has headphones that the district translator can utilize to provide trainings and orientations in Spanish. This would increase the participation in our existing community technology classes currently offered. The parents would be encouraged to utilize the connectivity to keep informed of their student's progress.

DOCKET NO. 10-202

DOCUMENT OFF-LINE

This page has been substituted for one of the following:

o This document is confidential (NOT FOR PUBLIC INSPECTION)

o An oversize page or document (such as a map) which was too large to be scanned into the ECFS system.

o Microfilm, microform, certain photographs or videotape.

o Other materials which, for one reason or another, could not be scanned into the ECFS system.

The actual document, page(s) or materials may be reviewed (EXCLUDING CONFIDENTIAL DOCUMENTS) by contacting an Information Technician at the FCC Reference Information Centers) at 445 12th Street, SW, Washington, DC, Room CY-A257. Please note the applicable docket or rulemaking number, document type and any other relevant information about the document in order to ensure speedy retrieval by the Information Technician

1 Pamphlet